

IN THE CLAIMS:

Please amend claims 1 and 6, as follows:

1. (Currently Amended) A method of bonding a first tissue to a second tissue, said method comprising the steps of:

placing said first tissue in proximity of said second tissue;

providing an adhesive in contact with said first and second tissues, said adhesive including collagen, a concentration of said collagen in said adhesive being at least equal to 300 mg/ml, but less than 800 mg/ml, said collagen being gelatinized, and said collagen being derivatized with a COO⁻ functional group; and

exposing said adhesive to electromagnetic radiation.

2. (Previously Amended) A method in accordance with claim 1, wherein said electromagnetic radiation includes infrared light.

3. (Original) A method in accordance with claim 1, wherein said exposing step includes the step of directing light generated by a laser to said adhesive.

4. (Previously Amended) A method in accordance with claim 1, further comprising the steps of:

monitoring a temperature of a surface of said adhesive; and

adjusting an intensity of said electromagnetic radiation in response to said monitored temperature.

5. (Original) A method in accordance with claim 1, further comprising the step of providing a material including a cyanoacrylate in contact with at least one of said first and second tissues.

6. (Currently Amended) A method in accordance with claim 1, wherein said collagen is also derivatized with a an SH⁻ functional group ~~selected from COO⁻ and SH⁻~~.

7. (Previously Added) A method in accordance with claim 1, wherein said adhesive is heated to a temperature within a range of 55°-60°C.

8. (Previously Added) A method in accordance with claim 1, wherein said adhesive is a liquid, gel or solid.